

AMENDMENTS TO THE CLAIMS

1. (Original) A system comprising:

a polymeric article including a three-dimensionally periodic structure of a plurality of periodically occurring separate domains, with at least a first and a second domain each being topologically continuous, and with said first domain comprising a polymeric species containing an inorganic species capable of forming a ceramic oxide, said inorganic species present in an amount of at least about 3 atomic% based on the total number of atoms in the first domain.

2-16. (Withdrawn)

17. (Currently Amended) The system of claim 12, wherein the first and second domains of the polymeric article comprise a block copolymeric species having at least two blocks A and B that are assembled into the first and second domains respectively.

18-22. (Withdrawn)

23. (Previously presented) The system of claim 1, wherein said polymeric species has a glass transition temperature of at least about 0 degrees C.

24. (Previously presented) The system of claim 1, wherein the polymeric species comprise polymers having an average molecular weight of at least about 30,000 Da.

25-148. (Withdrawn)